

REMARKS

Claims 1-47 are pending. Claims 1-6, 9-16, 18-34, 36, 38-41, 43, 44, 46, and 47 are rejected. Claims 7, 8, 17, 35, 37, 42, and 45 are indicated as being allowable, but are objected to as being based on a rejected claim.

Please reconsider the application in view of the amendments and the following remarks.

A. Allowable Subject Matter

Allowable claim 7 is re-presented in independent form as new claim 48.

Allowable claim 35 is re-presented in independent form as new claim 49.

Allowable claims 37 and 42 are amended to be in independent form.

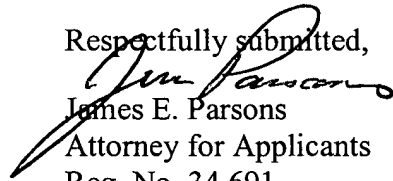
Accordingly, allowance of claim 37, 42, 48 and 49 is requested.

B. Other Amendments

Claims 1, 16, and 20 are amended to include the feature "wherein the encapsulant covering an uppermost portion of the heat spreader is approximately 9 mils thick." Claim 23 is amended to include the feature "wherein a thickness of the encapsulant between an outer surface of the encapsulant and a closest portion of the heat slug is approximately 9 mils." This feature is not shown by the cited references, and is supported in the specification at, for instance, page 5, line 23. No new matter is added. Accordingly, allowance of claims 1, 16, 20 and 23 is requested, along with any claims dependent thereon.

Customer No. 22888

Respectfully submitted,

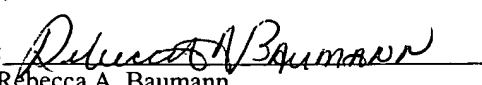

James E. Parsons

Attorney for Applicants

Reg. No. 34,691

I hereby certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on August 5, 2004.

Date: 8/5/2004

Signature: 

Rebecca A. Baumann